

RADIO FIX AND HOLDING DATA RECORD

NAME: HARPY **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 434347.66N/0842121.88W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SAGINAW	MBS	VOR/DME	VL	317.49	314.49	17.00	17.00	103299	2400	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW	MBS	VOR/DME	317.49	137.49	L	1		2500	14000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001617)	434841.00N/0842751.00W	1118	3C
1	310	TOWER (26-001722)	435716.82N/0843258.10W	1323	1B

REASON FOR NONSTANDARD HOLDING:

PAT 1 PT COMPATABILITY

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR-A	KIKW	MIDLAND	MI (US)

REMARKS:

SAGINAW (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1	1	IKW	MIDLAND	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. DELETED FIX TYPE "INT".
2. ADDED DIST FROM FAC IN FT AND NM TO FAC 1.
3. DELETED FAC 2 FROM FIX MAKE-UP FACILITIES.
4. RAISED HOLDING PAT 1 MIN HOLDING ALTITUDE FROM 2400 TO 2500.
5. RAISED HOLDING PAT 1 MAX TEMPLATE FROM 11 TO 13.
6. LOWERED PAT 1 CONTROLLING OBSTRUCTION ELEVATION FROM 1119 TO 1118.
7. ADDED PAT 1 310 AIRSPEED CONTROLLING OBSTACLE: 1323 TOWER (26-001722).
8. MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN" FROM REMARKS TO HOLDING RESTRICTIONS.
9. ADDED "PAT 1: VOR-A AT KIKW" TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
10. ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" TO REMARKS.
11. DELETED 3BS FROM FIX USE.
12. ADDED KIKW - VOR-A TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: HOPE DENTON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: OVJOS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 433957.45N/0841557.07W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	SAGINAW	MBS	VOR/DME	DH			11.51	11.51		2400	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A			IKW	MIDLAND	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/09/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: HOPE DENTON

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